

CERTIFIED MATERIAL TEST REPORT

300 Ward Rd.
Midlothian, TX
76065-9651
(972) 775-8241

**CHAPARRAL
STEEL**

Order Date: 07/12/2004
PO No: 0712
Mill Order No: 2792176
Load No: 903555
Manifest No: 1629106

Ship To: 1
FERRECABSA SA DE CV
12018 AUBURN RD.
LAKEDO
78045

PRODUCT
WF BEAMS

LENGTH
40 FT

2792176

GRADE
992/572-50

SIZE
21 X 57#

DF
MX

SPECIFICATIONS

ASTM A6-02, A992-02, A572-01

HEAT NO: 22248790

CHEMICAL ANALYSIS

Cr	Mo	Sn	V	Al	Nb	CE
.10	.030	.009	.001	.004	.014	.29

PHYSICAL PROPERTIES

Yield Strength	Tensile Strength	Specimen Area		Elongation		Bend Test	ROA
		KSI	MPa	Sq In	Sq cm		
54.1	72.1	0.957	6.17	8 In	200 mm		
53.8	71.9	0.982	6.34	8 In	200 mm		

Y16A 26X 6/2

All manufacturing processes of this product, including electric arc melting and continuous casting, occurred in the U.S.A.
"I hereby certify that the contents of this report are correct and accurate. All tests and operations performed by this material manufacturer or its sub-contractors, when applicable, are in compliance with the requirements of the material specifications and applicable purchaser designated requirements."

Signed: Tom L. Harrington Date: Sep. 20, 2004 Signed: Notary P Date: _____
Tom L. Harrington: Quality Assurance IC (if applicable) Page: 2 of 3